

Converting Colors

CIELCh(62, 14.197, 164.706)

Have a look what the booklet for
CIELCh(62, 14.197, 164.706)
contains.

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Color

CIELCh(62, 14.213, 164.614)

Conversions

Conversions Part 1

Format	Color
Hex	7E9D8F
RGB	126, 157, 143
RGB Percent	49%, 62%, 56%
CMY	0.5070, 0.3855, 0.4403
CMYK	0.20, 0.00, 0.09, 0.39
HSL	153°, 14%, 55%
HSV	153°, 20%, 61%
XYZ	25.5053, 30.4025, 30.3958
YIQ	146.1350, -13.9820, -10.9260

Conversions

Conversions Part 2

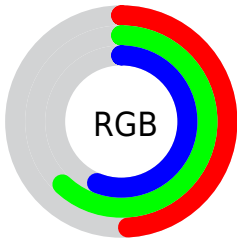
Format	Color
RYB	126, 146, 157
Decimal	8297871
CIELab	62.00, -13.70, 3.77
CIELCh	62, 14.213, 164.614
Yxy	30.4025, 0.2955, 0.3523
Android (android.graphics.Color)	4286487951 (0xFF7E9D8F)
YUV	146.1350, -1.5456, -17.6584
Hunter-Lab	55.1385, -13.9239, 5.9125

Details

The CIELCh color **62, 14.213, 164.614** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **56, 14.652, 348.105**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 14.362, 164.821**, and **42, 14.489, 164.891** is the 20% darker color. If you saturate the color by 10%, you get **61, 21.252, 163.578**, and if you desaturate by 10%, it is **63, 7.045, 165.564**.

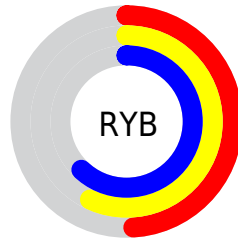
Distribution



Red (49%)

Green (62%)

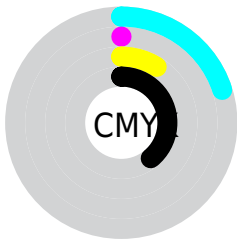
Blue (56%)



Red (49%)

Yellow (57%)

Blue (62%)

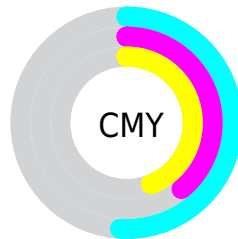


Cyan (20%)

Magenta (0%)

Yellow (9%)

Black (39%)



Cyan (51%)


Magenta (39%)


Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 14.213, 164.614 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 62, 14.213, 164.614 by changing the saturation by 10% instead.


 62, 14.213,
164.614


 62, 14.213,
164.614


 100, 14.213,
164.614


 52, 14.213,
164.614


 82, 14.213,
164.614

 42, 14.213,
164.614

 92, 14.213,
164.614

 32, 14.213,
164.614

 22, 14.213,
164.614

 12, 14.213,
164.614

 2, 14.213, 164.614

 0, 14.213, 164.614

62, 14.213,
164.614

62, 14.213,
164.614

61, 21.252,
163.578

63, 7.045, 165.564

60, 28.051,
162.431

65, 0.166, 344.235

66, 7.346, 347.089

59, 34.498,
161.147

68, 14.438,
347.832

58, 40.476,
159.702

70, 21.402,
348.510

58, 45.884,
158.072

71, 28.209,
349.142

57, 50.651,
156.242


73, 34.842,
349.736


57, 54.753,
154.207

75, 41.291,
350.296

57, 58.340,

152.074

 76, 44.153,
347.172

 57, 58.419,
152.029

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



62, 14.213, 164.614



56, 14.652, 348.105

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62, 14.213, 164.614



62, 14.213, 214.614



62, 14.213, 344.614



62, 14.213, 34.614

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



62, 14.214, 164.612



81, 5.358, 165.913



63, 18.482, 129.365



42, 3.546, 165.855



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



62, 14.214, 164.612



78, 21.326, 164.139



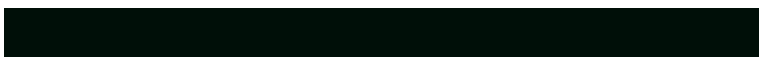
62, 10.882, 201.536



33, 4.104, 165.613



52, 54.366, 152.230



3, 5.488, 164.756

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



56, 14.652, 348.105



69, 22.140, 348.597



56, 12.379, 23.410



31, 4.166, 347.080



30, 54.833, 5.574



1, 5.302, 347.699

Previews

White Background



This preview shows how the CIE LCh color 62, 14.213, 164.614 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 62, 14.213, 164.614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

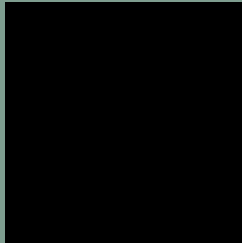
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 14.213, 164.614

Background



This preview shows how black text looks on a background with the CIELCh color 62, 14.213, 164.614.



This preview shows how white text looks on a background with the CIELCh color 62, 14.213, 164.614.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

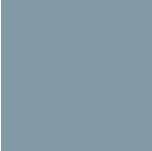
Dichromacy



Original Color
62, 14.213, 164.614

Protanopia
62, 6.588, 88.151

Deuteranopia
62, 8.349, 16.355



Tritanopia
62, 10.799, 241.582

Trichromacy



Original Color
62, 14.213, 164.614

Protanomaly
62, 7.434, 134.365

Deuteranomaly
62, 2.895, 94.148

Tritanomaly
62, 9.651, 212.144

Monochromacy



Original Color
62, 14.213, 164.614

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 5.109, 165.630

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 14.213, 164.614 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(126, 157, 143)` looks like.

```
.text, #text, p{  
    color:rgb(126, 157, 143)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(126, 157, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 157, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 14.213, 164.614 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(126, 157, 143) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(126, 157, 143) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(126, 157, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 157, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 157, 143);  
box-shadow:4px 4px 4px 4px rgb(126, 157,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 14.213, 164.614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 157, 143) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(126,  
157, 143) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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